AMENDMENTS TO THE CLAIMS

1.   (CURRENTLY AMENDED) An apparatus comprising:

a first circuit configured to receive an encoded video signal at a first input and to present a decoded video signal at a first output; and

5   a second circuit configured to receive said decoded video signal at a second input and to ~~generate~~ present (i) a first video output signal having a first resolution at a second output and (ii) a second video output signal having a second resolution at a third output, wherein said first video output signal and said second

10   video output signal are generated in response to said decoded video signal.

2.   (CURRENTLY AMENDED) The apparatus according to claim 1, wherein said first circuit comprises:

a decoder circuit configured to generate said decoded video signal in response to ~~an input~~ said encoded video signal; and

5   a memory circuit configured to store said decoded video signal.

3.   (ORIGINAL) The apparatus according to claim 1, wherein said second circuit comprises:

a scaler circuit configured to generate a first intermediate signal and a second intermediate signal in response to said decoded video signal.

4.   (ORIGINAL) The apparatus according to claim 3, wherein said second circuit further comprises:

a first video generating circuit configured to generate said first video output signal in response to said first intermediate signal; and

a second video generating circuit configured to generate said second video output signal in response to said second intermediate signal.

5.   (ORIGINAL) The apparatus according to claim 1, wherein said first video output signal and said second video output signal have different scales.

6.   (ORIGINAL) The apparatus according to claim 5, wherein said scales are predetermined to optimize said first resolution.

7.   (ORIGINAL) The apparatus according to claim 5, wherein said scales are predetermined to optimize said second resolution.

8. (ORIGINAL) The apparatus according to claim 5, wherein said scales are predetermined to balance said first resolution and said second resolution.

9. (ORIGINAL) The apparatus according to claim 5, wherein said scales are user-programmable.

10. (ORIGINAL) The apparatus according to claim 9, wherein said scales are constrained according to a ratio of lines in said first video output signal and said second video output signal.

11. (ORIGINAL) The apparatus according to claim 1, wherein said first video output signal and second video output signal comprise a standard definition video signal and a high definition video signal, respectively.

12. (CURRENTLY AMENDED) The apparatus according to claim 3, wherein said scaler circuit is configured to generate both said first intermediate signal and said second intermediate signal in response to a single reading of image data from ~~said~~ a memory circuit.

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13. (CURRENTLY AMENDED) An apparatus comprising:

means for generating a decoded video signal in response to an encoded video signal, wherein said encoded video signal is received at a first input and said decoded video signal is presented at a first output; and

means for generating (i) a first video output signal having a first resolution and (ii) a second video output signal having a second resolution in response to said decoded video signal, wherein said first video output signal is presented at a second output and said second video output signal is presented at a third output.

14. (CURRENTLY AMENDED) A method for displaying video images comprising the steps of:

(A) generating a decoded video signal in response to an encoded video signal, wherein said encoded video signal is received at a first input and said decoded video signal is presented at a first output; and

(B) generating (i) a first video output signal having a first resolution and (ii) a second video output signal having a second resolution in response to said decoded video signal; and

(C) presenting (i) said first video output signal at a second output and (ii) said second video output signal at a third output.

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15.   (CURRENTLY AMENDED) The method according to claim 14, wherein the step (A) comprises:

decoding said ~~decoded~~ encoded video signal ~~in response to an input signal~~; and

5   storing said decoded video signal in a storage device.

16.   (CURRENTLY AMENDED) The method according to claim 14, wherein the step (B) further comprises:

· generating a first intermediate signal in response to said decoded video ~~data~~ signal and a first scaling factor; and

5   generating a second intermediate signal in response to said decoded video signal and a second scaling factor, wherein said first intermediate signal and said second intermediate signal are generated simultaneously.

17.   (CURRENTLY AMENDED) The method according to claim 16, wherein said first intermediate signal and said second intermediate signal are generated with a single read of image data from ~~said~~ a storage device storing said decoded video signal.

18.   (ORIGINAL) The method according to claim 16, wherein the step (B) further comprises:

generating said first video output signal in response to said first intermediate signal; and

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5   generating said second video output signal in response to
said second intermediate signal.

        19.   (ORIGINAL) The method according to claim 16, wherein
said first scaling factor and said second scaling factor are
different.

        20.   (ORIGINAL) The method according to claim 16, wherein
said first scaling factor and said second scaling factor are
predetermined to optimize said first resolution.

        21.   (ORIGINAL) The method according to claim 16, wherein
said first scaling factor and said second scaling factor are
predetermined to optimize said second resolution.

        22.   (ORIGINAL) The method according to claim 16, wherein
said first scaling factor and said second scaling factor are
predetermined to balance said first resolution and said second
resolution.

        23.   (ORIGINAL) The method according to claim 16, wherein
said first scaling factor and said second scaling factor are user-
programmable.

24. (ORIGINAL) The method according to claim 16, wherein said first scaling factor and said second scaling factor are constrained according to a ratio of lines in said first video output signal and said second video output signal.

Please add the following new claim:

25. (NEW) The method according to claim 14, wherein (i) said first video output signal comprises a standard definition (SD) video signal, (ii) and said second video output signal comprises a high definition (HD) video signal and (iii) said first video output signal and said second video output signal are presented simultaneously at said second output and said third output, respectively.